

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate

Number SA5301NM-D

This Certificate issued to Lockheed Martin Aeronautics Company
36 South Cobb Drive
Marietta, Georgia 30063

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations. *(For Certification Basis see T. C. Data Sheet A20WE)*

Original Product Type Certificate Number : A20WE

Make : BOEING

Model : 747-400 Series

Description of Type Design Change Installation of a Satellite Communication (SATCOM) System in accordance with Lockheed Aircraft Service Company STC Documentation Checklist R54040002, Basic, dated 12/22/92 or later FAA approved revisions.

Limitations and Conditions: The Airplane Flight Manual Supplement R54040001, dated 12/22/92 or later FAA approved revisions, to the Boeing 747-400 Airplane Flight Manual D6U10002 is required. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

(See Continuation Sheet for Limitations and Conditions.)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application : May 11, 1992

Date reissued : Oct. 30, 1996, April 30, 1998,
Mar. 15, 2004, April 26, 2004

Date of issuance : December 22, 1992

Date amended :



By direction of the Administrator

(Signature)
Manager, Technical & Administrative Support
Staff, Los Angeles Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

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(Continuation Sheet)

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(A) 05/11/92

(I) 12/22/92

(R) 10/30/96, 04/30/98, 03/15/04, 04/26/04

Limitations and Conditions The approval of this change in type design applied basically to Boeing Model 747-400. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this change any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of the aircraft. This determination should include consideration of significant changes in weight distribution such as an increase in the fixed disposable weight in the fuselage.

- End -

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